



JFW 1713



ATTORNEYS AT LAW

Docket No.: 217688US0

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

RE: Application Serial No.: 10/022,772

Applicants: Makoto WATANABE, et al.

Filing Date: December 20, 2001

For: TRANSITION METAL COMPOUND,
COORDINATIVE COMPOUND, CATALYST FOR
POLYMERIZATION OF OLEFIN, AND PROCESS
FOR POLYMERIZATION OF OLEFIN USING THE
CATALYST

Group Art Unit: 1713

Examiner: HARLAN, R. D.

SIR:

Attached hereto for filing are the following papers:

Request for Reconsideration (2 pp.)

Our check in the amount of \$0.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.
Norman F. Oblon

Corwin P. Umbach, Ph.D.

Registration No. 40,211

Customer Number

22850

(703) 413-3000 (phone)

(703) 413-2220 (fax)

DOCKET NO: 217688US0



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :
MAKOTO WATANABE, ET AL. : EXAMINER: HARLAN, R. D.
SERIAL NO: 10/022,772 :
FILED: DECEMBER 20, 2001 : GROUP ART UNIT: 1713
FOR: TRANSITION METAL :
COMPOUND, COORDINATIVE
COMPOUND, CATALYST FOR
POLYMERIZATION OF OLEFIN, AND
PROCESS FOR POLYMERIZATION OF
OLEFIN USING THE CATALYST

REQUEST FOR RECONSIDERATION

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

In response to the Office Action dated October 5, 2004, Applicants respectfully request reexamination and reconsideration of the application identified above in light of the remarks that follow.

Claims 1-12 are pending in this application. Claims 1, 2, 3, 4 and 7 are independent.

Applicants thank the Examiner for the courtesies extended to their representative during the December 9, 2004, personal interview. Applicants thank the Examiner for the indication at the interview that U.S. Patent No. 6,191,284 ("Knochel") fails to suggest Claims 1-12. See Interview Summary dated December 9, 2004.

The present invention provides a transition metal compound having an azaferrocene or ferrocene structure, which is useful for polymerization of olefins.

Claims 1-12 are rejected under 35 U.S.C. § 103(a) over Knochel. Knochel discloses a ferrocenylphosphine compound of formula (II), which includes a $-\text{C}(\text{R}^3)=\text{C}(\text{R}^4)-\text{PR}_2^5 \rightarrow \text{M}$ moiety.

However, Knochel fails to suggest the $-\text{C}(\text{R}^1)=\text{N}(\text{R}^2) \rightarrow \text{M}$ moiety of independent Claims 1, 2, 3 and 4. Knochel also fails to suggest the $-\text{C}(\text{R}^1)=\text{N}(\text{R}^2)$ moiety of independent Claim 7.

Because Knochel fails to suggest all the limitations of the claimed invention, the rejection of Knochel should be withdrawn.

In view of the foregoing remarks, Applicants respectfully submit that the application is in condition for allowance. Applicants respectfully request favorable consideration and prompt allowance of the application.

Should the Examiner believe that anything further is necessary in order to place the application in even better condition for allowance, the Examiner is invited to contact Applicants' undersigned attorney at the telephone number listed below.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.
Norman F. Oblon

Customer Number

22850

Tel: (703) 413-3000
Fax: (703) 413 -2220
(OSMMN 06/04)



Corwin P. Umbach, Ph.D.
Registration No. 40,211

NFO:CPU\la